

Application No. 10/586,264
Arndt. Dated: June-26-2009
Reply to Office Action: Feb-26-2009

10

Amendments to the Abstract:

Please replace the Abstract with the following Abstract:

ABSTRACT OF THE DISCLOSURE

A [[novel]] canola protein isolate consisting predominantly of 2S canola protein and having improved solubility properties, has an increased proportion of 2S canola protein and a decreased proportion of 7S canola protein. The [[novel]] canola protein isolate is formed by heat treatment of aqueous supernatant from canola protein micelle formation and precipitation, to effect precipitation of 7S protein which is sedimented and removed.; Alternatively, the [[novel]] canola protein isolate may be derived from a selective membrane procedure in which an aqueous canola protein solution containing 12S, 7S and 2S canola proteins is subjected to a first selective membrane technique to retain 12S and 7S canola proteins in a retentate, which is dried to provide a canola protein isolate consisting predominantly of 7S canola protein, and to permit 2S canola protein to pass through the membrane, the permeate is subjected to a second selective membrane technique to retain 2S canola protein and to permit low molecular weight contaminants to pass through the membrane, and the retentate from the latter membrane technique is dried.